Serial No.: 10/002,557 Inventor: RAMACHANDRAN, et al. Docket No.: COM-002.4D
Title: SS IN A USAGE BASED LICENSING SERVER TO CORRECT DATA IN DATA
SCIURE TO CSU DATA

1/28

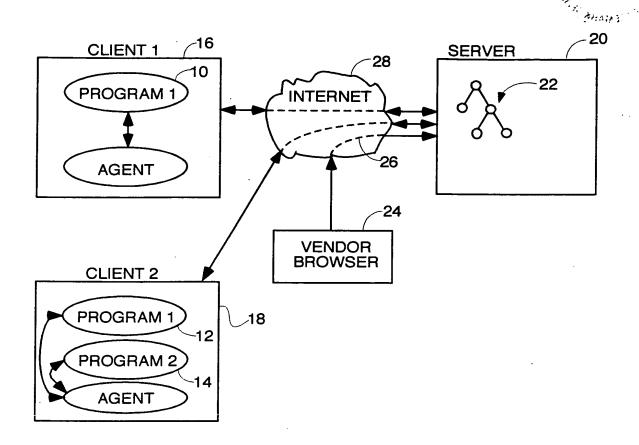


FIG. 1

ESS IN A USAGE BASED LICENSING SERVER TO C CTURE TO CSU DATA

Docket No.: COM-002.4D RT METRIC DATA IN DATA 🚁



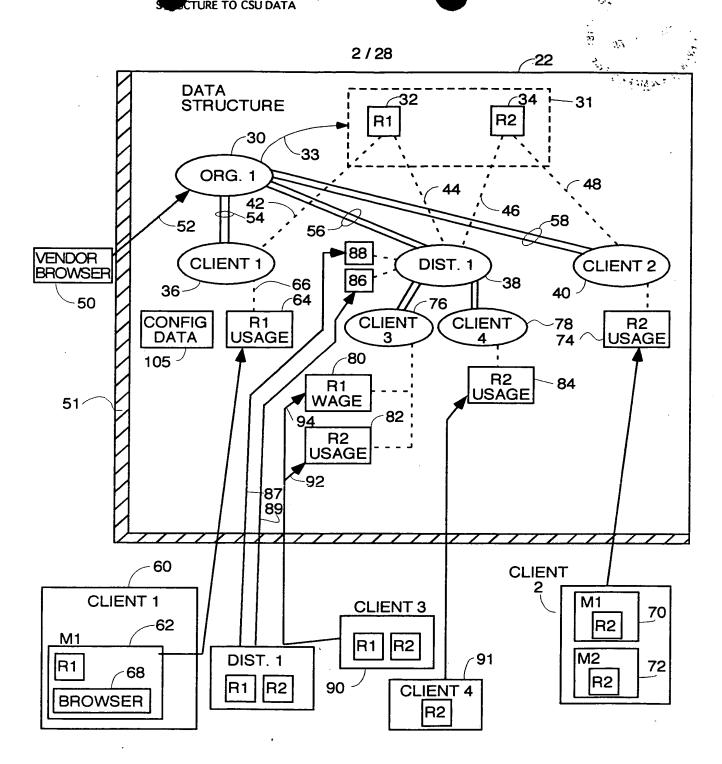
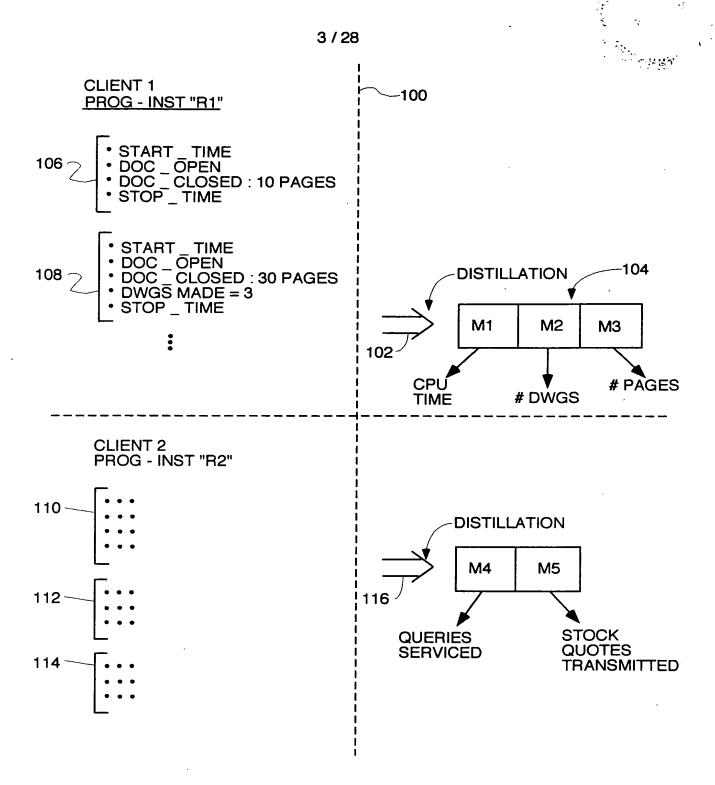


FIG. 2



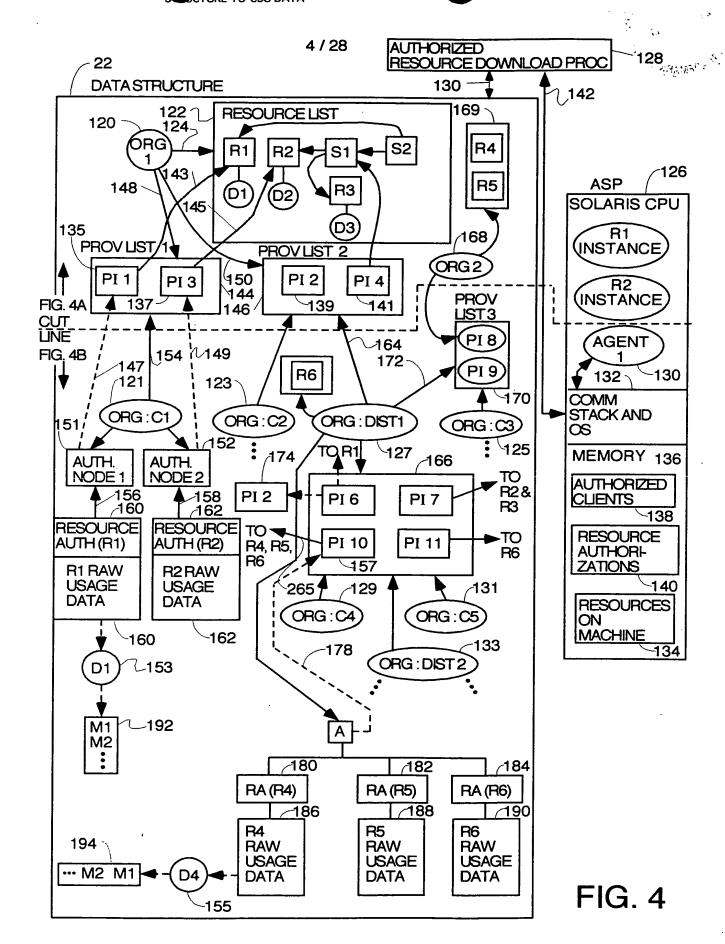
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FIG. 3

Serial No.: 10/002,557 Inventor: RAMACHANDRAN, et al. Docket No.: COM-002.4D
Title: Docket No.: COM-002.4D
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TITLE: Docket No.: COM-002.4D



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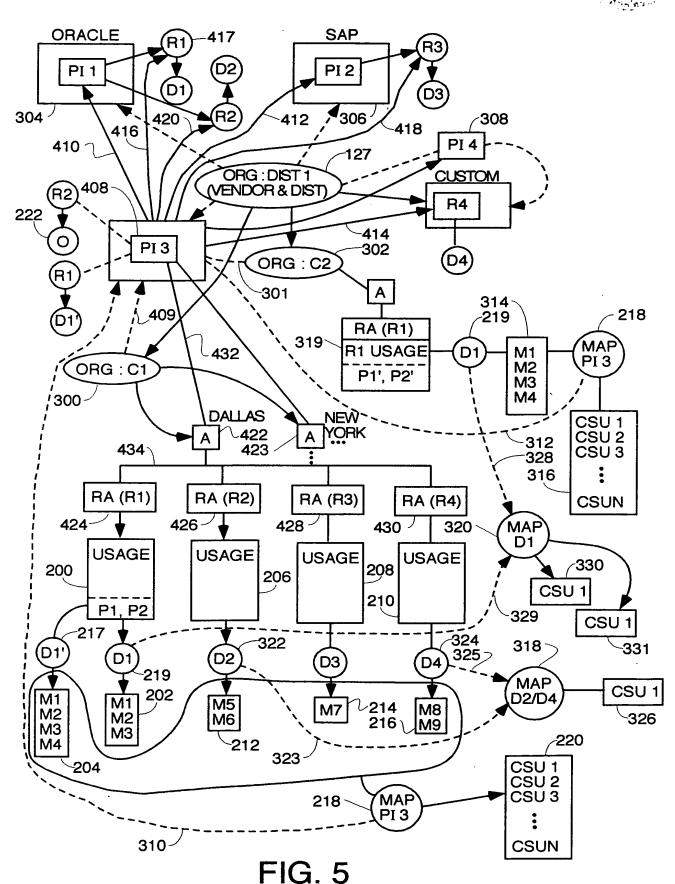
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inventor: RAMACHANDRAN, et al.

Docket No.: COM-002.4D 🛷 RT METRIC DATA IN DATA

TURE TO CSU DATA

5/28



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Docket No.: COM-002.4D 443 RT METRIC DATA IN DATA

CTURE TO CSU DATA

6/28

OVERALL PROCESS TO DISTILL RAW USAGE DATA TO METRIC DATA BY A PROGRAMMABLE MAPPING

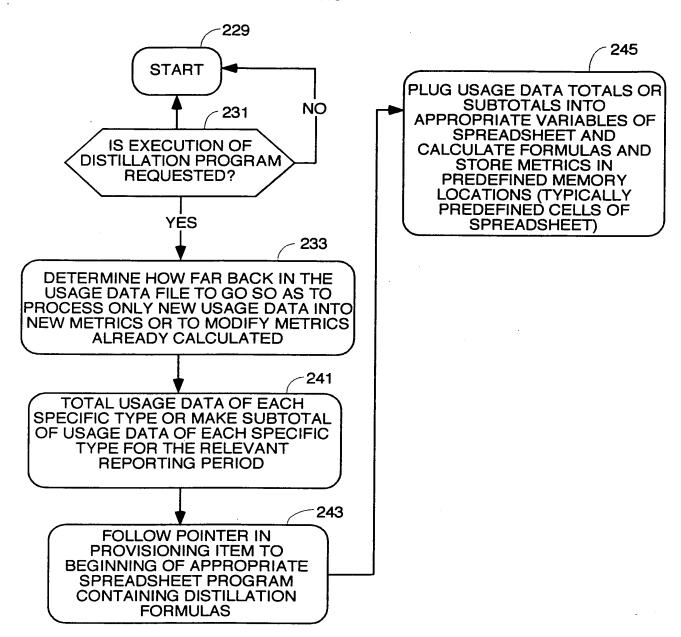


FIG. 6A

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Docket No.: COM-002.4D RT METRIC DATA IN ĎATA

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TURE TO CSU DATA

7/28

OVERALL PROCESS TO DISTILL RAW USAGE DATA TO METRIC DATA BY A PROGRAMMABLE MAPPING USING A PROGRAMMABLE DISTILLATION PGM

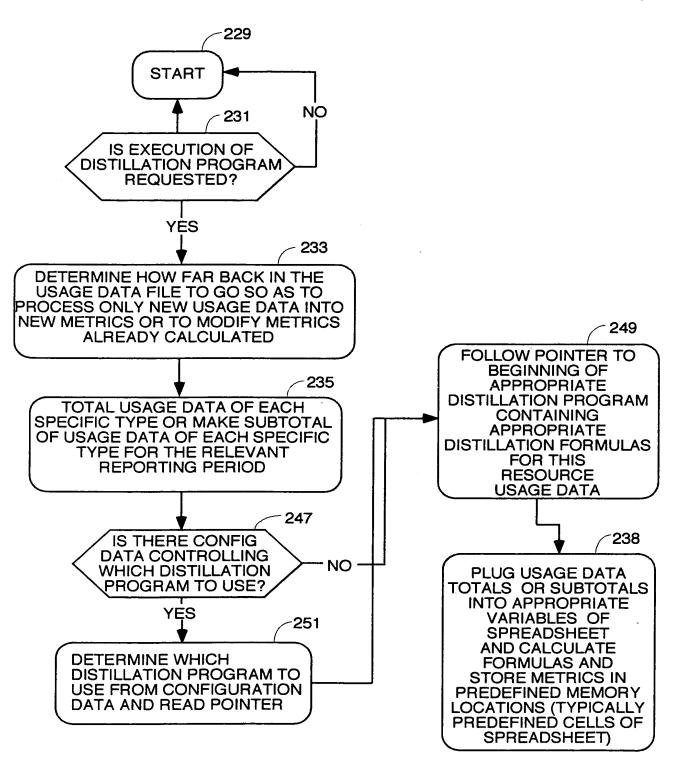


FIG. 6B

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Inventor: RAMACHANDRAN, et al. ESS IN A USAGE BASED LICENSING SERVER TO Q

Docket No.: COM-002.4D RT METRIC DATA IN DATA

TURE TO CSU DATA

8/28

PROCESS TO PROGRAMMABLY DISTILL RAW USAGE DATA TO METRICS AND PROGRAMMABLY DISTILL THE METRICS INTO CENTRAL SERVICE UNITS OF THE CUSTOMER'S DESIGN

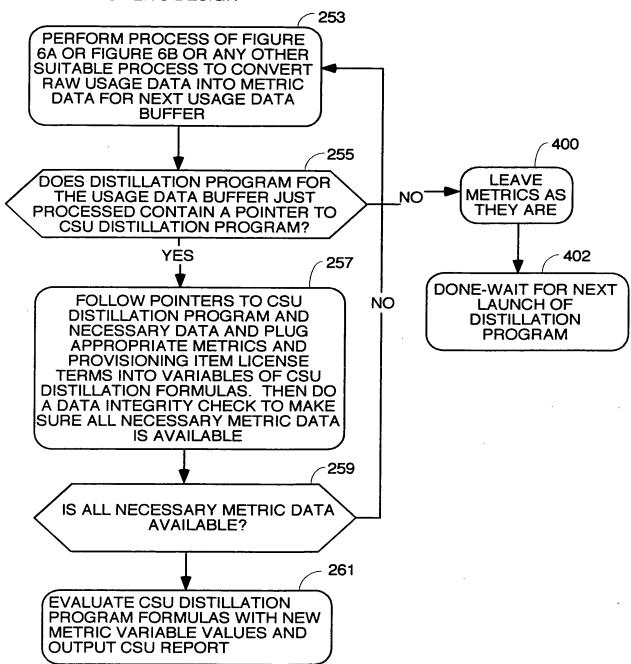


FIG. 7

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Docket No.: COM-002.4D RT METRIC DATA IN DATA

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TURE TO CSU DATA

9/28

OVERALL PROCESS TO COLLECT RAW USAGE DATA IN A CENTRAL SERVER AND USE IT TO PREPARE METRICS AND PREPARE INVOICES OR REPORTS THEREFROM

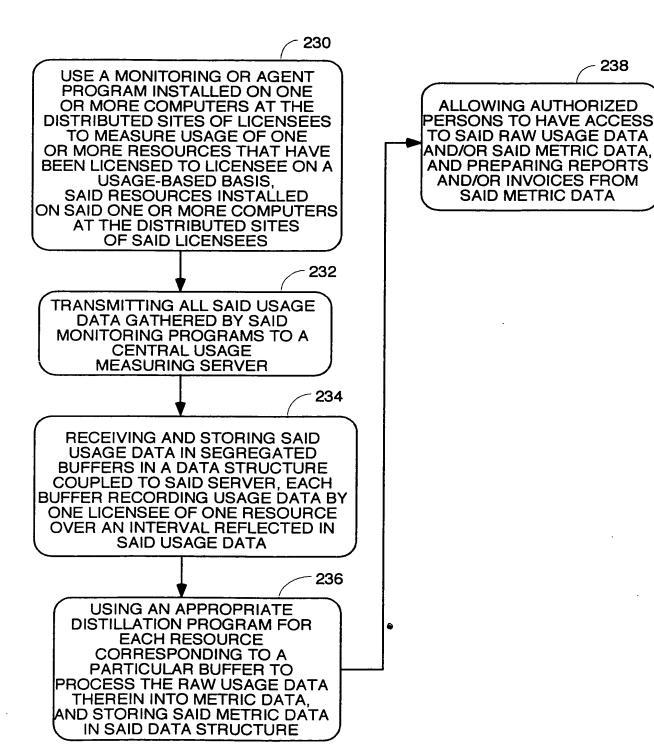


FIG. 8

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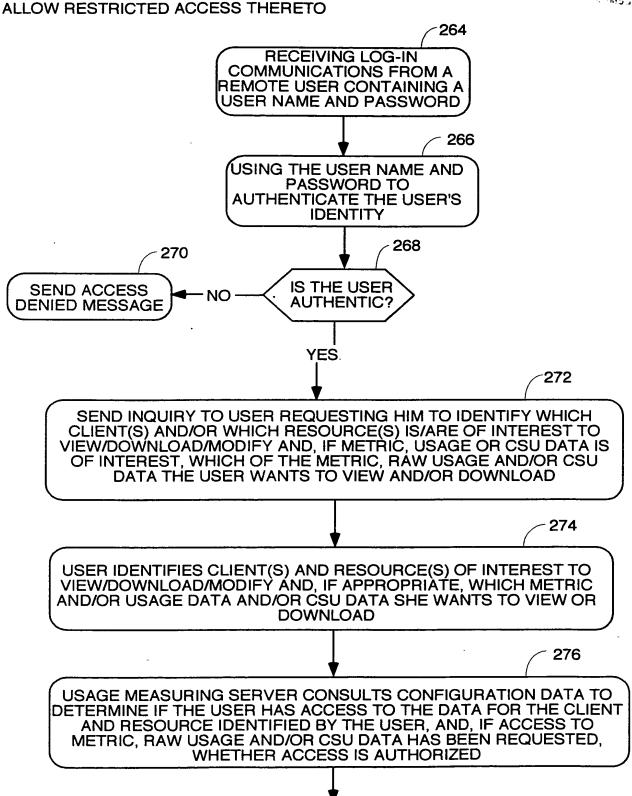
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Docket No.: COM-002.4D RT METRIC DATA IN DATA

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PROCESS TO BUILD USAGE MEASURING SERVER DATA STRUCTURE AND MINISTRUCTURE MINISTRUCTURE AND MINISTRUCTURE AND MINISTRUCTURE AND MINISTRUCTU



TO FIG. 9B

FIG. 9A

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Serial No.: 10/002,557 Inventor: RAMACHANDRAN, et al. 6S IN A USAGE BASED LICENSING SERVER TO CO

Docket No.: COM-002.4D T METRIC DATA IN DATA

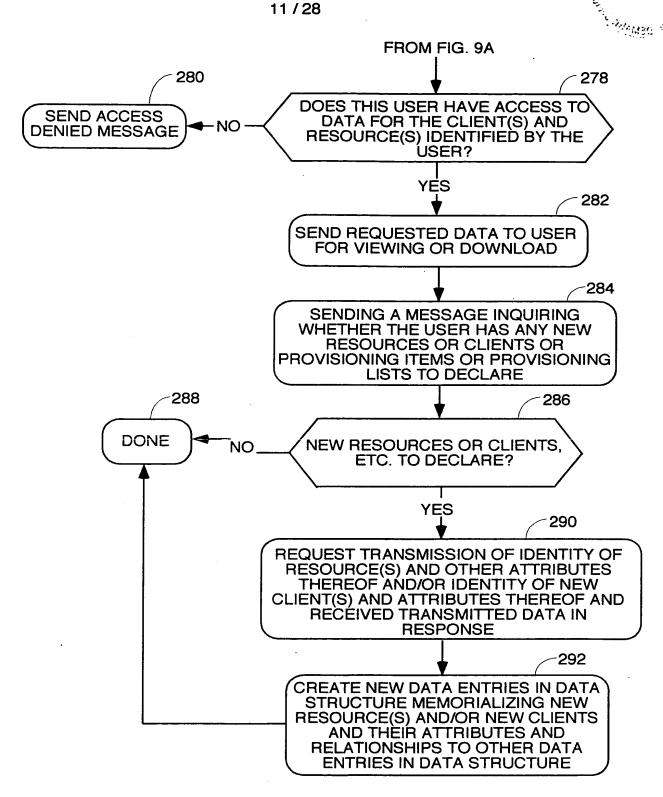
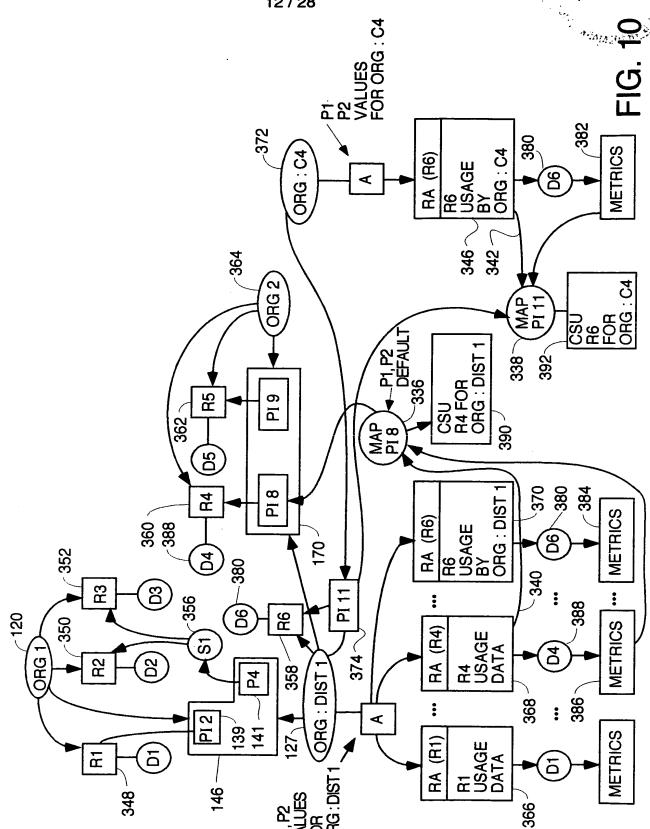


FIG. 9B

Serial No.: 10/002,557 Inventor: RAMACHANDRAN, et al. Docket No.: COM-002.4D SS IN A USAGE BASED LICENSING SERVER TO CO T METRIC DATA IN DATA Title: TURE TO CSU DATA 12/28 380 R6 USAGE BY ORG:C4 METRICS ORG: C4 (R6) ⋖ 346 342 .. Ω ORG CSU R6 FOR ORG PI, P2 DEFAI CSU R4 FOR ORG: DIST 392 338 **R**5 တ Б 362 MAP PI 8 390 [05] 370 380 384 α R6 USAGE BY ORG: DIST **R**4 Б METRICS RA (R6) 360 170 352 (D4) 380 340 \mathbb{R}^{3} [2] PI 11 : 356 <u>0</u>90 **B**8



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Docket No.: COM-002.4D T METRIC DATA IN DATA

TURE TO CSU DATA

13 / 28

ALTERNATIVE PROCESS TO PROGRAMMABLY DISTILL RAW USAGE DATA TO METRICS AND PROGRAMMABLY DISTILL THE METRICS INTO CENTRAL SERVICE UNITS USING A CSU DISTILLATION PROGRAM LINKED TO PROVISIONING ITEM DETAILING LICENSE TERMS

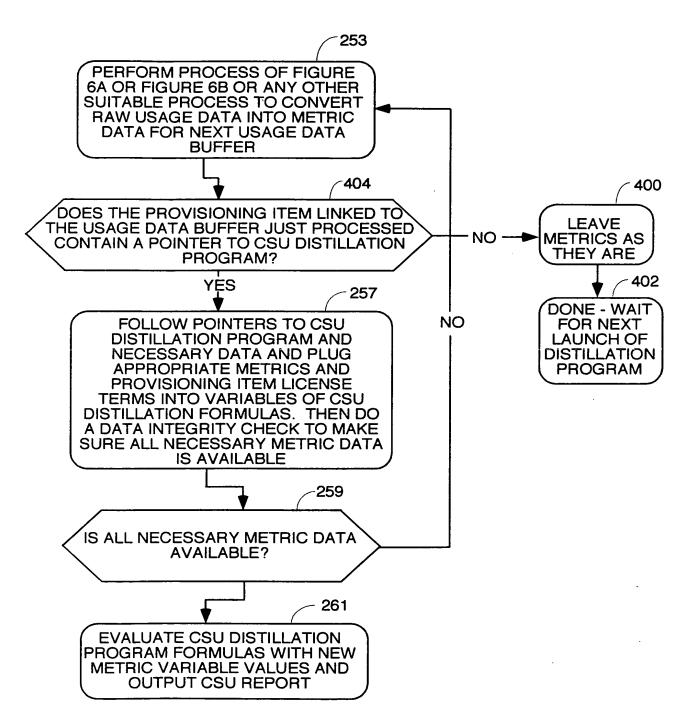


FIG. 11

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TURE TO CSU DATA

14/28

ALTERNATIVE PROCESS TO PROGRAMMABLY DISTILL RAW USAGE DATA TO METRICS AND PROGRAMMABLY DISTILL THE METRICS INTO CENTRAL SERVICE UNITS USING A CSU DISTILLATION PROGRAM LINKED TO THE USAGE DATA BUFFER OF EACH CLIENT THAT WANTS CSU BASED REPORTS

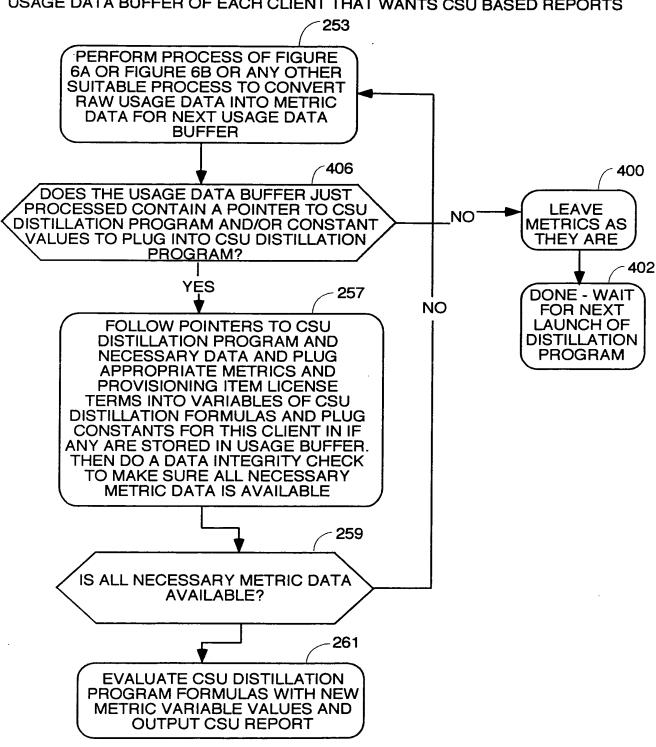


FIG. 12

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Serial No.: 10/002,557 Inventor: RAMACHANDRAN, et al. Docket No.: COM-002.4D Title: PRESS IN A USAGE BASED LICENSING SERVER TO COMMON METRIC DATA IN DATA

ST. TURE TO CSU DATA

15 / 28

PROCESS TO CREATE DATA STRUCTURE TO SUPPORT SUITE LICENSING AND TO USE THE DATA STRUCTURE TO IMPLEMENT SUITE LICENSING

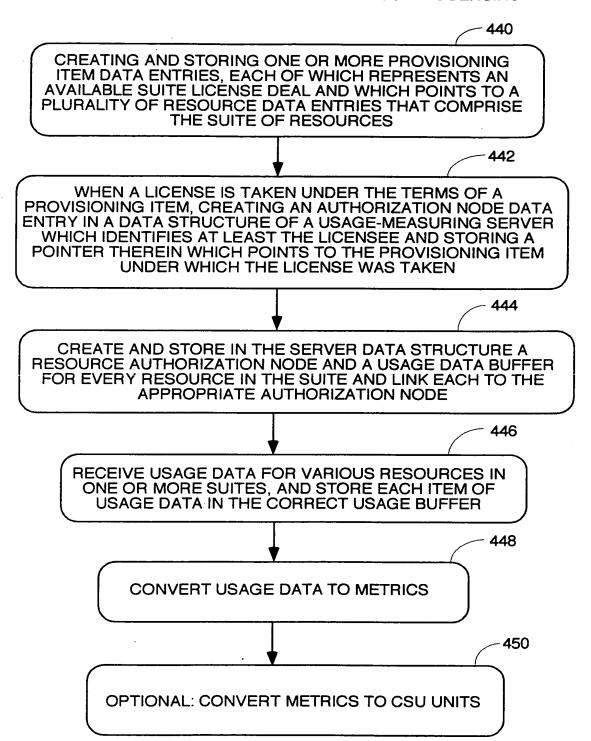


FIG. 13

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Docket No.: COM-002.4D T METRIC DATA IN DATA

TURE TO CSU DATA

16/28

ONE STOP SHOPPING PROCESS TO DETERMINE ALL AVAILABLE LICENSE DEALS ON A PARTICULAR RESOURCE

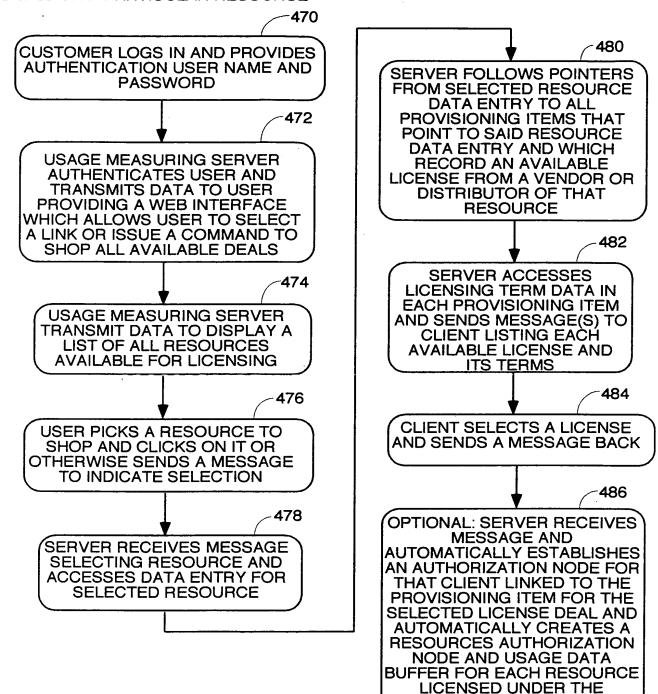


FIG. 14

PROVISIONING ITEM 486

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FIG. 15

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Docket No.: COM-002.4D T METRIC DATA IN DATA

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TURE TO CSU DATA

18 / 28

PROCESS TO COLLECT USAGE DATA, PARTITION IT INTO TIME SEGMENTS AND GENERATE METRICS THEREFROM

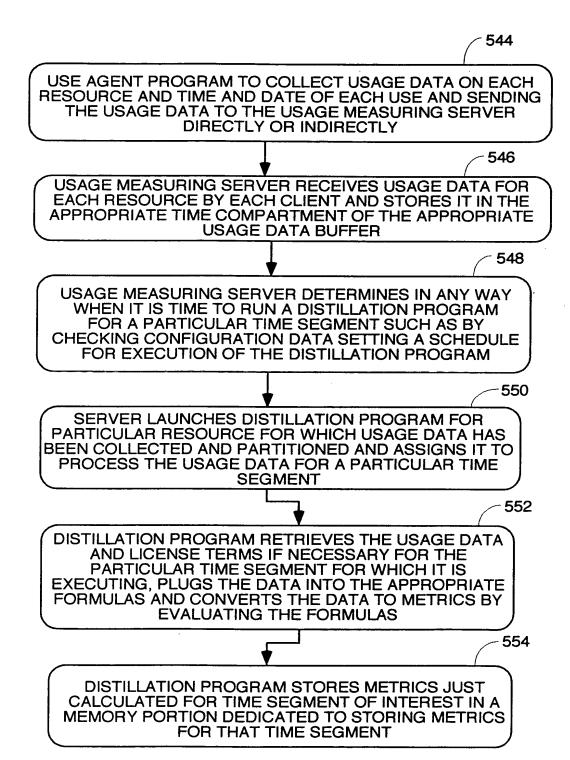


FIG. 16

Docket No.: COM-002.4D T METRIC DATA IN DATA

TURE TO CSU DATA

19/28

ROLLUP A ID 39

	MON	TUES	WED	
M1= CPU	10	1	0	
M2= DOCS	500	50	0	Ţ
M3= #PGS	759	71	0	Ī
ľ	:	•	:	<u> </u>

ALTERNATIVE ROLLUP B ID 40

MON	TUES	WED	
0	3	2	
0	70	40	
0	139	96	

FIG. 17

FIG. 18

PREFERRED ROLLUP B ID 50

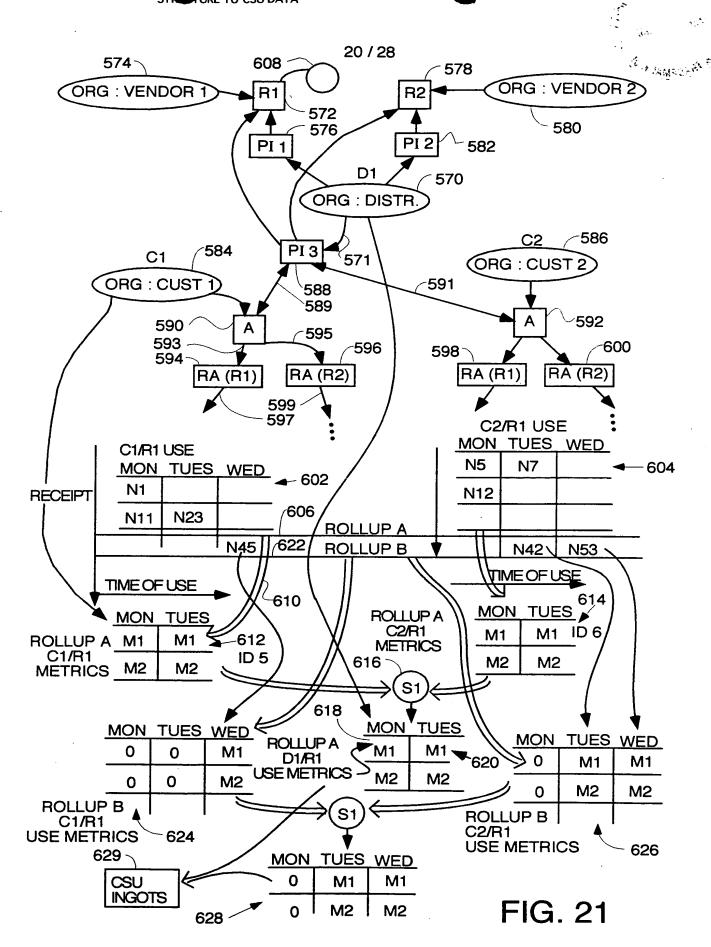
	MON	TUES	WED	
	10	4	2	,
-	500	120	40	
	759	210	96	

ALTERNATIVE ROLLUP B ID 40

MON	TUES	WED	
0	4	2	
Ö	120	40	
0	210	96	

FIG. 19

FIG. 20



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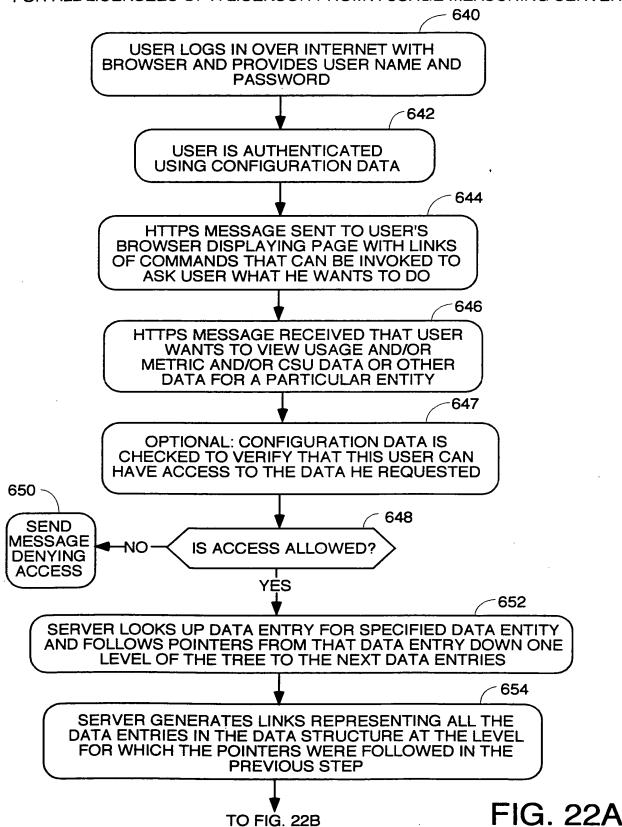
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Docket No.: COM-002.4D T METRIC DATA IN DATA

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TURE TO CSU DATA

PROCESS FOR ONE PROTOCOL ACCESS TO USAGE/METRIC/CSU DATAGESS FOR ALL LICENSEES OF A LICENSOR FROM A USAGE MEASURING SERVER



6 IN A USAGE BASED LICENSING SERVER TO CO Title: **METRIC DATA IN DATA** TURE TO CSU DATA 22 / 28 FROM FIG. 22A 656 SERVER SENDS THESE LINKS BACK IN HTTPS MESSAGE(S) WHICH CAUSE THE USER'S COMPUTER TO DISPLAY THE LINKS PREFERABLY WITH DESCRIPTIVE TEXT WHICH DESCRIBES WHAT EACH DATA ENTRY REPRESENTED BY A LINK IS 658 SERVER RECEIVES HTTPS MESSAGE(S) BACK FROM USER INDICATING WHICH LINKS USER SELECTED INDICATING WHICH DATA USER WISHES TO SEE 660 SERVER ACCESSES WHATEVER TYPE OF DATA USER SELECTED AND SENDS IT TO USER IN HTTPS MESSAGE(S) FOR DISPLAY ON **USER COMPUTER** 662 THE SERVER SENDS AN HTTPS MESSAGE TO USER ASKING IF THE USER WANTS TO SEE MORE DATA BELOW THE LEVEL OF THE TREE JUST DISPLAYED 664 SERVER RECEIVES MESSAGE INDICATING USER WANTS TO SEE MORE DATA 666 SERVER FOLLOWS LINKS FROM DATA ENTRY OR ENTRIES JUST DISPLAYED DOWN ONE MORE LEVEL OF TREE AND GENERATES LINKS FOR THE DATA ENTRY OR ENTRIES SO **FOUND** 668 SERVER SENDS HTTPS MESSAGE TO USER CAUSING LINKS SO GENERATED TO BE DISPLAYED BY USER'S BROWSER. PREFERABLY ALONG WITH DESCRIPTIVE TEXT INDICATING WHAT DATA EACH LINK REPRESENTS 670 SERVER RECEIVES MESSAGE INDICATING WHICH DATA USER WANTS TO SEE, SENDS IT TO USER, INQUIRES WHETHER HE

WANTS TO SEE MORE AND REPEATS PROCESS TILL ALL LEVELS
OF TREE EXHAUSTED OR USER QUITS

Inventor: RAMACHANDRAN, et al.

Docket No.: COM-002.4D

Serial No.: 10/002,557

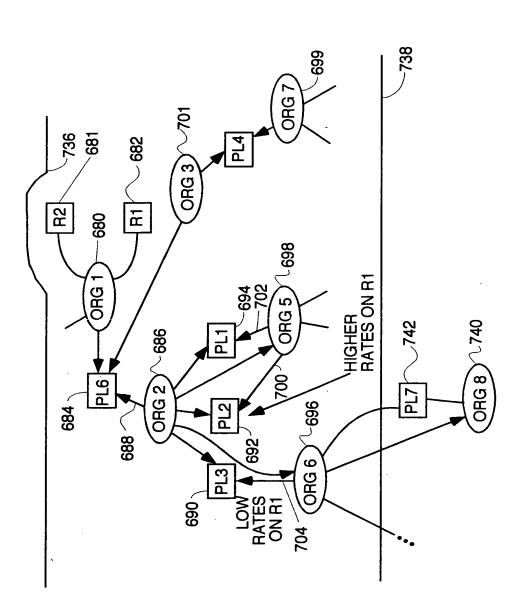
FIG. 22B

Inventor: RAMACHANDRAN, et al. S IN A USAGE BASED LICENSING SERVER TO COL

TURE TO CSU DATA

Pocket No.: COM-002.4D 😸 : 🚓

23 / 28



SECURITY BARRIERS FIG. 23

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Serial No.: 10/002,557 Inventor: RAMACHANDRAN, et al. Docket No.: COM-002.4D Title: PROPERTY IN A USAGE BASED LICENSING SERVER TO COME METRIC DATA IN DATA

STR. YURE TO CSU DATA

24 / 28

A PROCESS TO IMPLEMENT SECURITY BARRIERS TO PREVENT USERS FROM VIEWING DATA IN A USAGE MEASURING SERVER DATA STRUCTURE THAT THE USER NOT AUTHORIZED TO VIEW

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RECEIVING A LOG IN COMMUNICATION AND

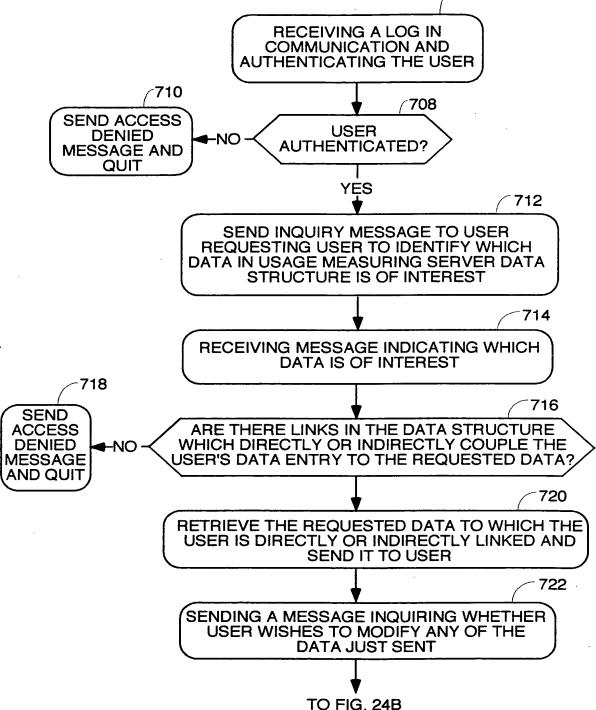


FIG. 24A

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Docket No.: COM-002.4D **METRIC DATA IN DATA**

25 / 28

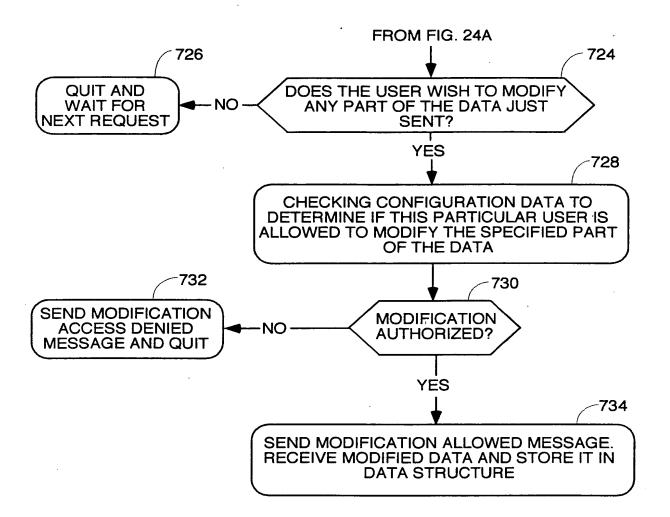


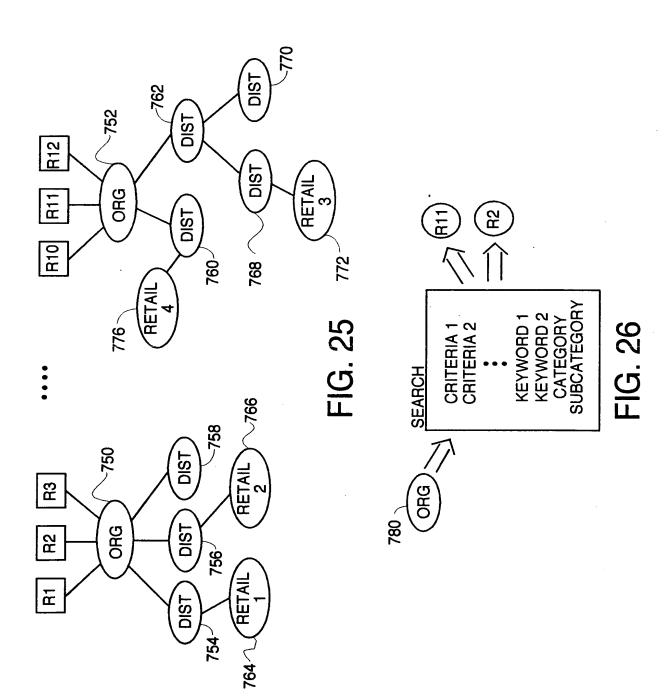
FIG. 24B

Inventor: RAMACHANDRAN, et al. IN A USAGE BASED LICENSING SERVER TO CO

Docket No.: COM-002.4D
METRIC DATA IN DATA

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26 / 28



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Title: PR S IN A USAGE BASED LICENSING SERVER TO CO
TITLE TO CSU DATA

27 / 28

27 / 28

DESKS FURNITURE TAXONOMY CATEGORIES FILE SERVERS WINDOWS ROOT DESK MODELS/ COMPUTERS WINDOWS LAPTOPS GOODS MAC BOND INKJET PAPER PAPER COPIER

FIG. 27

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Serial No.: 10/002,557 Inventor: RAMACHANDRAN, et al. Pocket No.: COM-002.4D

Title: PF S IN A USAGE BASED LICENSING SERVER TO CO THE METRIC DATA IN DATA STRUCTURE TO CSU DATA

28 / 28

SERVER PROCESSINGTO IMPLEMENT ONE-STOP SHOPPING SEARCHING OF THE DATA STRUCTURE BASED UPON USER-DEFINED CRITERIA

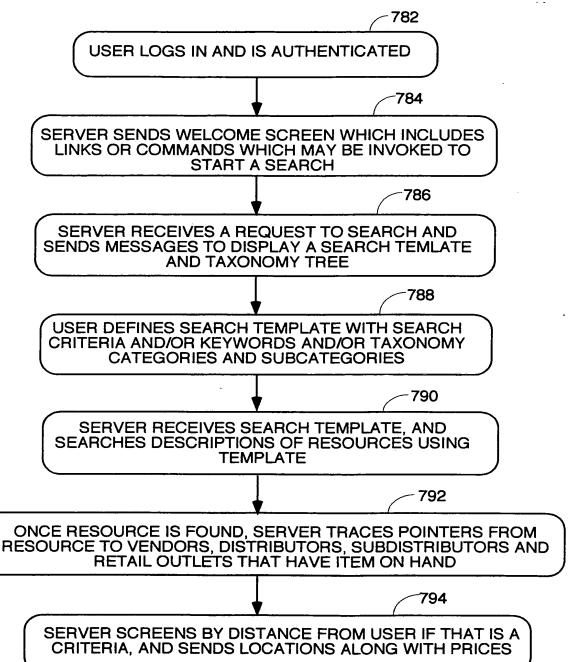


FIG.28